

Microscopic and Microstructural Issues for Optimal Material Design

Project Lead




University of California at
San Diego
San Diego, CA

Description

This project is coupled to the ORNL project on the development of oxide dispersion strengthened alloys. This project addresses the alloy on a microscopic and microstructural level to address those issues that are critical to optimizing the performance of these alloys in service. Based on microscopic observations, microstructural changes are made to the alloys to influence properties, particularly the mechanical properties of the alloys.

Duration: 10/1/97 - 9/30/01

Product Support Areas

| Gasification Technologies | Combustion Technologies | Sequestration | Environmental & Water Resources | Advanced Turbine & Engines | Fuel Cells |
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Project: FEAA04
Code: UCSD-2

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